



Winston H. Hickox  
Secretary for  
Environmental  
Protection

TCB/AES

# California Regional Water Quality Control Board

## Santa Ana Region

Internet Address: <http://www.swrcb.ca.gov/rwqcb8>  
3737 Main Street, Suite 500, Riverside, California 92501-3348  
Phone (909) 782-4130 - FAX (909) 781-6288



Gray Davis  
Governor

October 19, 2000

Mr. Dean Gould  
BRAC Environmental Coordinator  
MCAS EL Toro  
P.O. Box 51718  
Irvine, California 92619-1718

**SUBJECT: CLOSURE OF UNDERGROUND STORAGE TANK (UST) CASE  
FORMER UNDERGROUND STORAGE TANK SITE 335  
INTERSECTION OF SOUTH 12<sup>th</sup> STREET AND "N" STREET, FORMER  
MARINE CORPS AIR STATION ELTORO  
CASE NO. 083003780T**

Dear Mr. Gould:

This letter confirms the completion of the site investigation, remedial action and groundwater monitoring which were required to mitigate the release from the underground storage tank formerly located at the above described location. Enclosed is the Case Closure Summary for the referenced site for your records.

Based on the available information, including the current land use, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground storage tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, California Code of Regulations, Division 3, Chapter 16, Section 2721 (e).

The monitoring wells located at the site are required to be properly abandoned in accordance with the California Well Standards. In addition, all necessary permits from the appropriate agencies shall be obtained prior to decommissioning the monitoring wells. After the monitoring wells are properly abandoned, please submit all documentation to this agency.

Please telephone John Broderick at (909) 782-4494 if you have any questions regarding this matter.

Sincerely,

Gerard J. Thibeault  
Executive Officer

Attachement: Case Closure Summary

cc: SWRCB, Cleanup Fund - Nancy Camacho (w/ attachment)

**California Environmental Protection Agency**

Mr. Glenn Kistner, U.S. Environmental Protection Agency, Region IX (w/o attachment)  
Ms. Triss Chesney, Department of Toxic Substances Control, OMF (w/o attachment)  
Mr. Gregory F. Hurley, RAB Co-Chair, MCAS El Toro (w/o attachment)  
Ms. Content Arnold or Ms. Lynn Hornecker, Naval Facilities Engineering Command,  
SWDIV (w/ attachment)

# CASE CLOSURE SUMMARY

## Leaking Underground Fuel Tank Program

### I. Agency Information

DATE: 10/18/00

AGENCY NAME	California Regional Water Quality Control Board - Santa Ana Region	STAFF	John Broderick
ADDRESS	3737 Main St. Suite 500	TITLE	Associate Engineering Geologist
CITY/STATE/ ZIP	Riverside CA 92501-3348	PHONE	(909) 782-4494, main # 782-4130

### II. Case Information

SITE NAME					Former UST Site 335						
LOCATION					SE Building 335, near intersection of South 12 <sup>th</sup> Street and "N" Street, Former MCAS El Toro						
REGIONAL BOARD CASE #			083003780T			LOCAL AGENCY CASE #					
RESPONSIBLE PARTIES				ADDRESS				PHONE NUMBER			
DoN, SW Div, NAVFACENGCOM				1220 Pacific Highway, San Diego				(619) 532-0784			
TANK NO.		SIZE IN GALLONS		CONTENTS		CLOSED IN PLACE/ REMOVED			DATE		
1		4,000 gal		fuel oil		removed?			est. 1989-92		

### III. Release and Site Characterization Information

CAUSE AND TYPE OF RELEASE:		Soil							
SITE CHARACTERIZATION COMPLETE?		yes		DATE APPROVED BY AGENCY		10/10/00			
MONITORING WELLS INSTALLED?		No		NUMBER		PROPER SCREEN INTERVAL?			
DEEPEST GW DEPTH				SHALLOWEST GW DEPTH		approx. 110 feet			
GROUNDWATER, MOST SENSITIVE CURRENT USE:				municipal		GW FLOW DIRECTION		West	
DRINKING WATER WELL(S) AFFECTED?				no		AQUIFER NAME			
IS SURFACE WATER AFFECTED?				no		NEAREST/AFFECTED SW NAME			
OFF-SITE BENEFICIAL USE IMPACTS (ADDRESSES/LOCATIONS):						None			
REPORT(S) ON FILE?		yes		WHERE IS/ARE REPORT(S) FILED?			R.W.Q.C.B. - Santa Ana Region		
TREATMENT AND DISPOSAL OF AFFECTED MATERIAL									
MATERIAL		AMOUNT		ACTION (TREATMENT, DISPOSAL)/ DESTINATION				DATE	
TANK/PIPING				Unknown				est. 1989-92	
FREE PRODUCT									
SOIL									
GROUNDWATER									

### III. Release and Site Characterization Information (Continued)

Maximum Document Contaminant Concentration - Before and After Cleanup				
CONTAMINANT	SOIL (mg/kg)		WATER (µg/L)	
	INITIAL	CURRENT	INITIAL	CURRENT
BENZENE	ND (1 mg/kg)			
TOLUENE	ND			
ETHYLBENZENE	.088 mg/kg			

YLENE	.29 mg/kg			
MTBE	ND			
TPH - G	110 mg/kg			
TPH - D	12,000 mg/kg	12,000 mg/kg		
TPH (418.1)				

#### COMMENTS REGARDING INVESTIGATION AND REMEDIATION

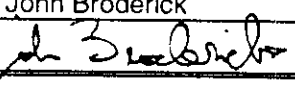
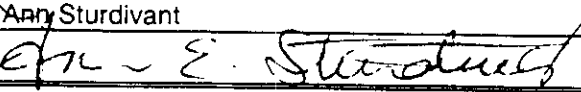
Investigation summary: "Site Assessment Report, Former Underground Storage Tank Site 335, Marine Corps Air Station, El Toro, California", dated 24 June 1998.

TPH contamination detected in 1 of 4 soil borings. Detections were at 10 feet bgs and with NDs at 20 feet and 50 feet bgs for TPH (8015M), BTEX + MTBE (8020) in soil boring 335 SB-01. SB-01 was probably the only boring through or adjacent to the former tank location.

#### Closure

DOES COMPLETED CORRECTIVE ACTION PROTECT <i>EXISTING</i> BENEFICIAL USES PER REGIONAL BOARD BASIN PLAN?		yes
DOES COMPLETED CORRECTIVE ACTION PROTECT <i>POTENTIAL</i> BENEFICIAL USES PER THE REGIONAL BOARD BASIN PLAN?		yes
MONITORING WELLS	0	NUMBER DECOMMISSIONED
		NUMBER RETAINED
LIST ENFORCEMENT ACTIONS TAKEN		none
LIST ENFORCEMENT ACTIONS RESCINDED		

#### V. Regional Board Representative Data

STAFF	John Broderick	TITLE	Associate Engineering Geologist
SIGNATURE		DATE	9.8.00
SUPERVISOR	Ann Sturdivant	TITLE	Senior Engineering Geologist
SIGNATURE		DATE	10/18/00

## VI. Additional Comments, Data etc.

Site overlies a groundwater solvent plume, numerous groundwater monitoring wells are located up and downgradient to this site. Sampling of this solvent plume (associated Site 24, former MCAS El Toro) has not detected TPH diesel or BTEX compounds in the area of the former UST site.

